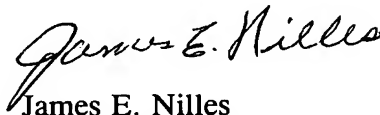


REMARKS

This application has been amended to insert headings in the specification, to eliminate the multiple dependencies in the claims as modified under Article 34, and to add an Abstract. Entry of the amendments and early consideration and allowance are respectfully requested.

Respectfully submitted,



James E. Nilles
Registration No. 16,663

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NILLES & NILLES, S.C.
777 East Wisconsin Avenue, Suite 2000
Milwaukee, WI 53202
Telephone (414) 276-0977
Facsimile (414) 276-0982

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ART 34 ANDOT

VERSION WITH MARKINGS TO SHOW CHANGES MADE

CLAIMS

1. A filtering device for a narrow-band terminal
in a private installation connected to an access
network carrying narrow-band services (analogue or
5 ISDN) and broad-band services (xDSL or HomePNA),
characterised in that it comprises low-pass filtering
means (F) and isolation means (I) comprising Zener
diodes in opposite orientations and disposed in series,
enabling the device to have a high input impedance
10 isolating it from the installation when the narrow-band
terminal is in the on-hook state whilst allowing the
ringing signal to pass.

2. A filtering device according to Claim 1,
characterised in that the filtering means include one
15 or more low-pass filters.

3. A filtering device according to [any one of
the preceding claims] Claim 1, characterised in that
the filtering means include a filter of the LC type and
in that the isolation means are placed at the inputs of
20 the said filter.

4. A filtering device according to [any one of
Claims 1 to 3] Claim 1, characterised in that the
filtering means (F) include a filter of the LC type and
in that the isolation means (I) are placed between the
25 inductors and the capacitor of the said filter.

5. A filtering device according to [any one of
the preceding claims] Claim 1, characterised in that
the filtering and isolation means are functionally
distinct.

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6. A filtering device according to [any one of Claims 1 to 6] Claim 1, characterised in that the filtering and isolation means are functionally interlinked.

5 7. A filtering device according to Claim 6, characterised in that low-pass filter LC includes at least one relay controlling the bringing into service of the capacitor in the filter.

10 8. A filtering device according to Claim 6, characterised in that the filtering means include a second-order LC filter (F), and in that the isolation means (I) are placed on each side of the capacitor (C1) of the said filter and in that it also comprises at least two other capacitors (C') each being placed in
15 parallel to the assembly formed by the isolation means and the capacitor of the filter.

20 9. A filtering device according to [any one of the preceding claims] Claim 1, characterised in that the filtering means include a second-order LC filter (Fe) of high impedance, placed at the input of the device on the private installation side and a second filter (Fc) coupled to the first, whose activation depends directly on the isolation means (I).

25 10. A filtering device according to Claim 9, characterised in that the second filter includes a capacitor (C1) in parallel to the capacitor (C2) of the LC filter placed in the isolation means or after the said means.

30 11. A filtering device according to [Claims 9 and 10] Claim 9, characterised in that the isolation

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